

Required/Optional Textbooks Class of 2018 – First Year

Human Bioscience I

Lehninger Principles of Biochemistry by Nelson and Cox (5th edition), W. H. Freeman and Company, New York (2008)

Textbook of Biochemistry with Clinical Correlations, Thomas M. Devlin, Editor, (7th edition), Wiley-Liss Publishers, New York (2011)

Textbook of Medical Physiology (Pocket Companion), edited by A. C. Guyton and John E. Hall (12th edition), W. B. Saunders (2011)

Wheater's Functional Histology by B. Young, J. Lowe, A. Stevens and J. Heath (5th edition), Churchill Livingstone Elsevier (2006)

Human Bioscience II

Textbook of Medical Physiology (Pocket Companion), edited by A. C. Guyton and John E. Hall (12th edition), W. B. Saunders (2011) (same one used for HB I)

Gross Anatomy

Clinically Oriented Anatomy, Seventh Edition. Keith L. Moore, Arthur F. Dalley, Anne M.R. Agur. Lippencott Williams & Wilkins, Wolters Kluwer (2014). ISBN: 978-1-4511-1945-9

Human Anatomy Color Atlas and Textbook, 5th Ed. JA Gosling, PF Harris, JR Humpherson, et al. Mosby Elsevier (2008). ISBN: 978-7234-3451-1

Integrated Optics I

Integrated Optics I (required)

Schwartz, SH (July, 2013). *Geometrical and Visual Optics: A Clinical Introduction, Second Edition*. New York: McGraw-Hill.

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This book is scheduled for publication on July 12. Students should be sure that they have access to the second edition.

Integrated Optics II

Recommended Texts:

- 1) **Geometric, Physical, and Visual Optics** by M. Keating (Butterworth)
- 2) **Introduction to Geometrical Optics** by M. Katz (World Scientific)
- 3) **Optics and Vision** by L.S. Pedrotti and F.L. Pedrotti (Prentice Hall)
- 4) **Presbyopia: Origins Effects & Treatment** by I. Pallikaris, N. Charman & S. Plainis (Slack)

Visual Function Sensory

(required) Visual Perception: A Clinical Orientation by Schwartz, S. H. (Fourth Edition), McGraw-Hill (2010).

(highly recommended) Sensation & Perception by Wolfe, J. M. (Third Edition). Sinauer Associates (2012). (Chapters 1 through 8 and 12).

OTP I and II (required)

Optometry: Science, Techniques and Clinical Management, by Rosenfield M. and Logan N. Elsevier, Edinburgh (2009).

OABP I and II

(Favorite among students and highly recommended) **Clinical Anatomy of the Visual System**, by Remington LA. Butterworth-Heinemann, St. Louis (2005).

(Highly recommended) **Adler's Physiology of the Eye**, by Levin LA, Nilsson FE, Ver Hoeve, J, Wu S, Kaufman P, Alm A. Saunders (11th Edition), (2011).

(Highly recommended) **The Eye: Basic Sciences in Practice**, by Forrester JV, Dick AD, McMenemy PG, Roberts F. Saunders, London (2008).

IS I and II

No textbooks required